



Hypervariable (HVR) or complementarity determining regions (CDR)

Comparisons of the amino acid sequences of the variable regions of Ig's show that most of the variability resides in three regions called the hypervariable regions or the complementarity determining regions as illustrated in Figure 3. Antibodies with different specificities (i.e. different combining sites) have different CDR's while antibodies of the exact same specificity have identical CDR's (i.e. CDR --> Ab Combining site). CDR's are found in both the H and the L chains.

Structure of the Variable Region

- Hypervariable (HVR) or complementarity determining regions (CDR)
- Framework regions

